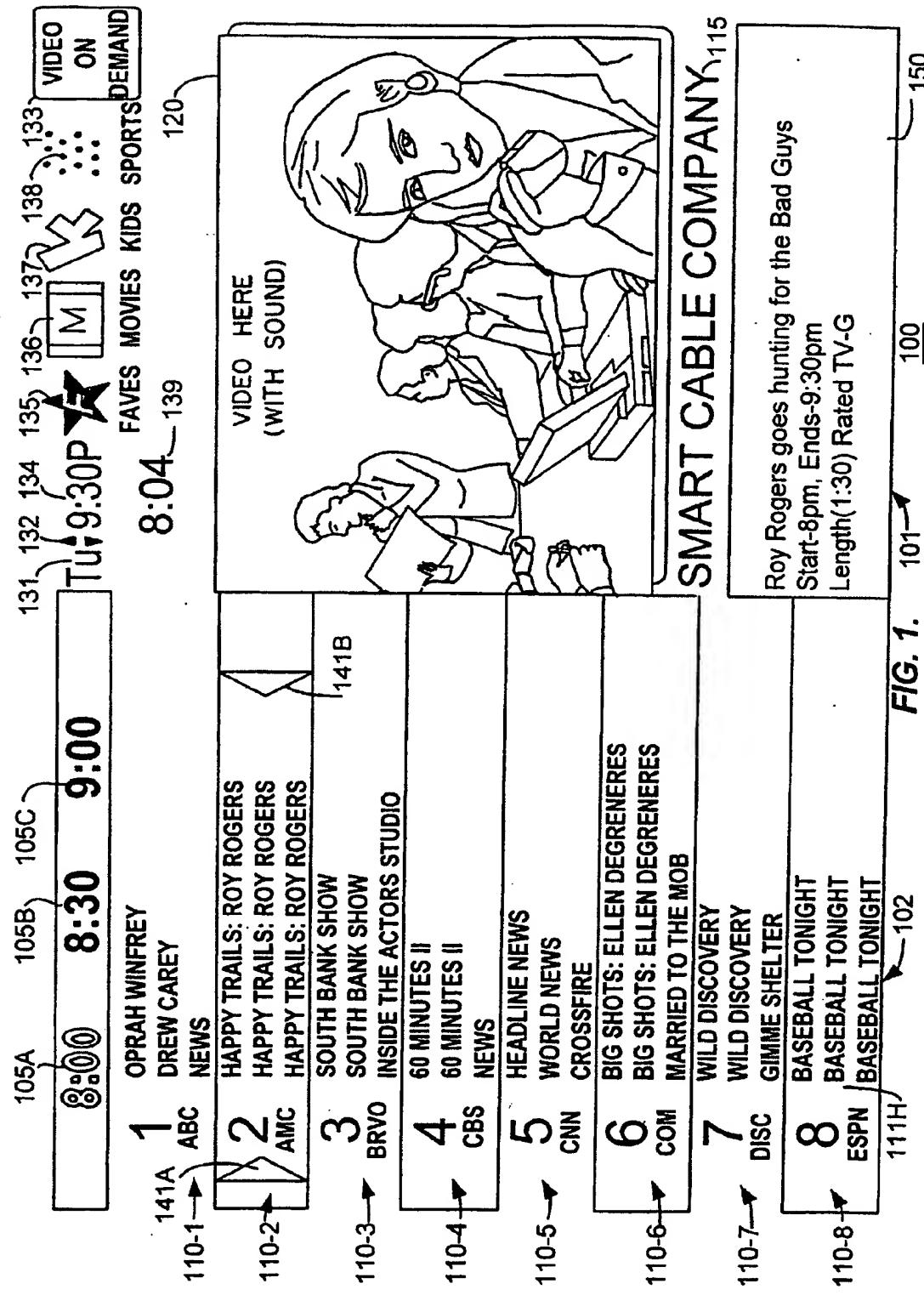


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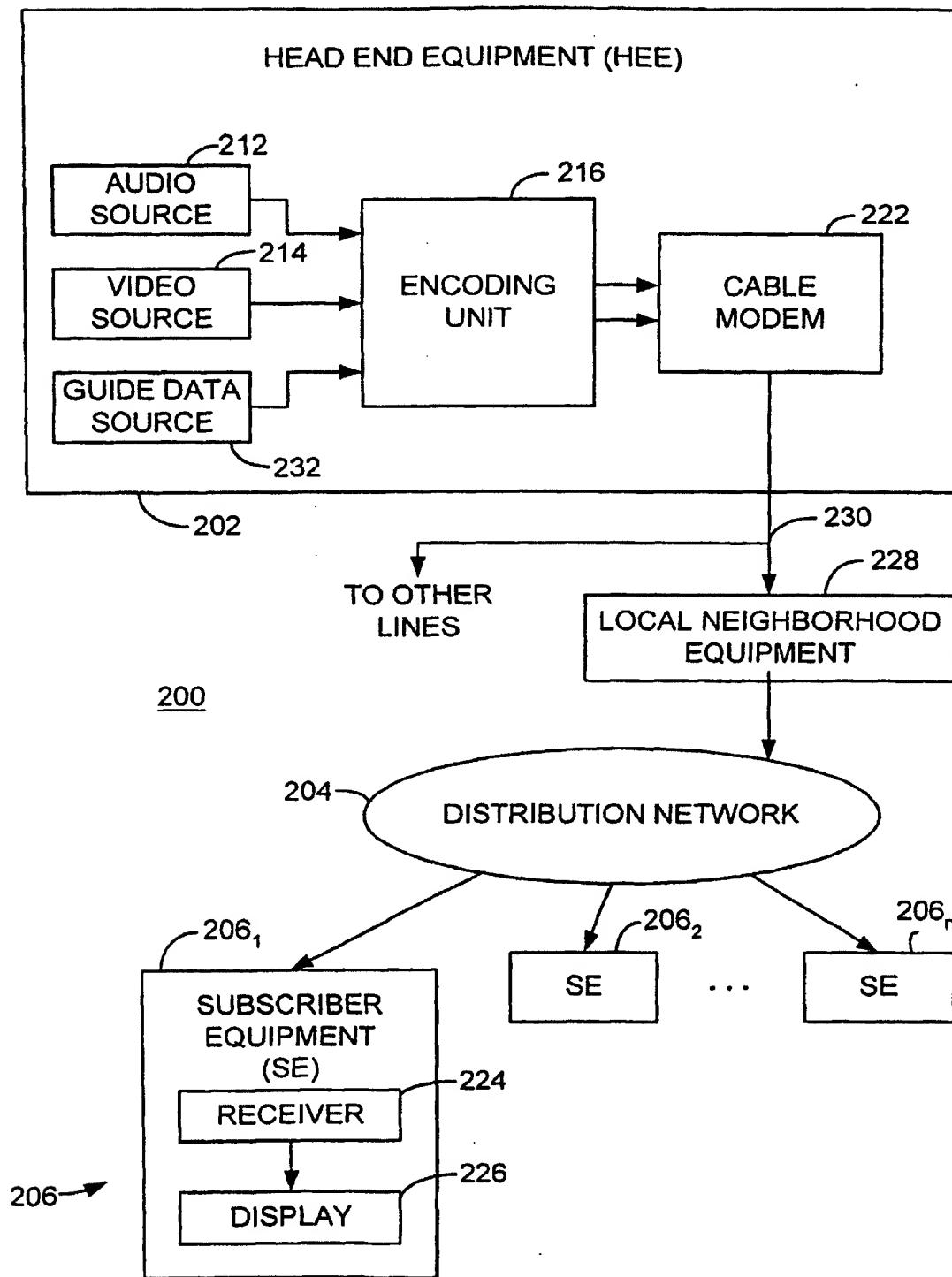


FIG. 2.

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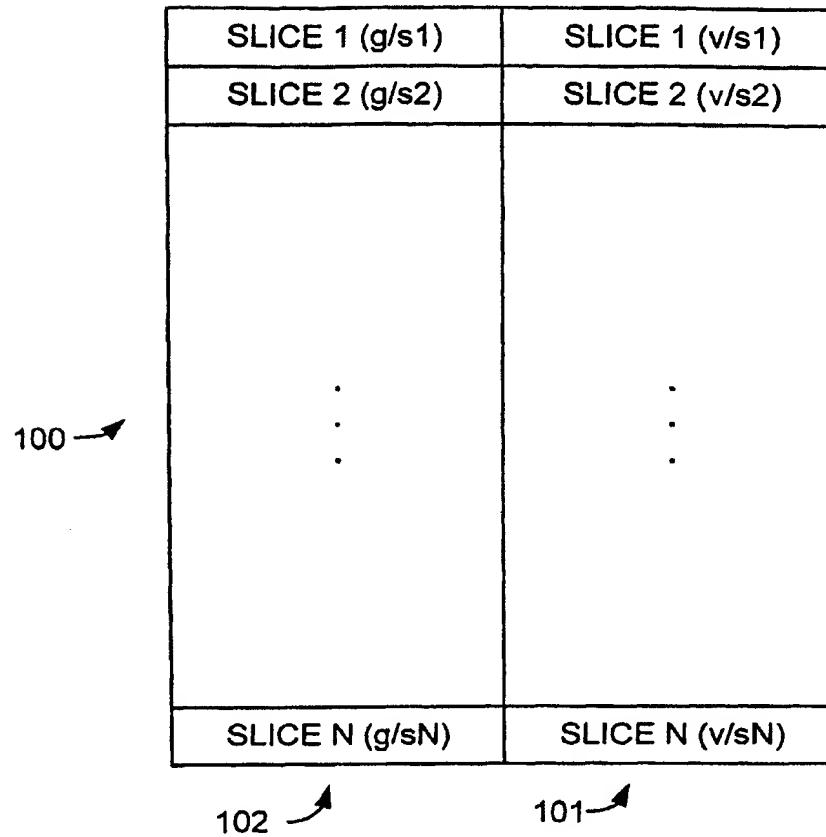


FIG. 3.



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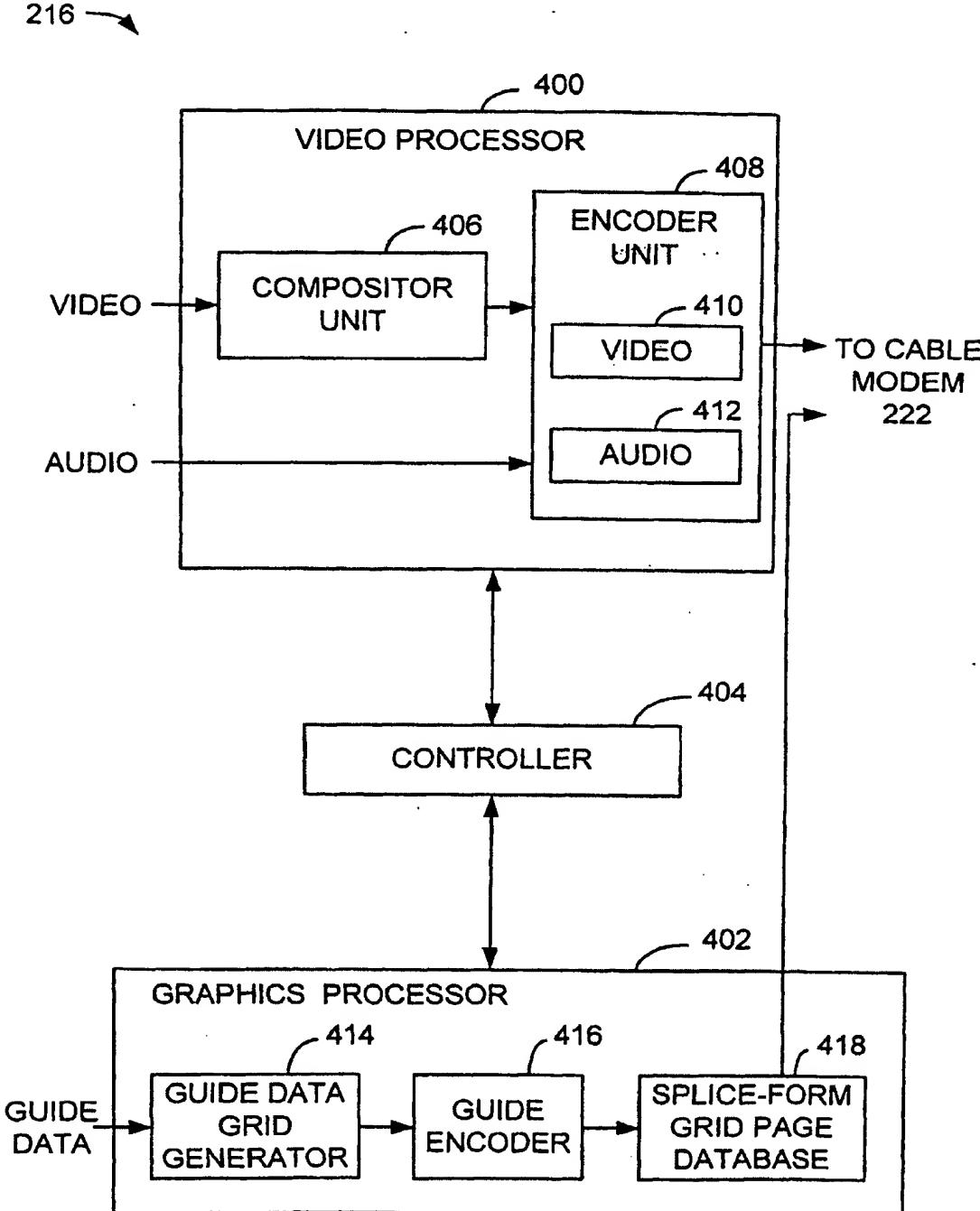


FIG. 4.



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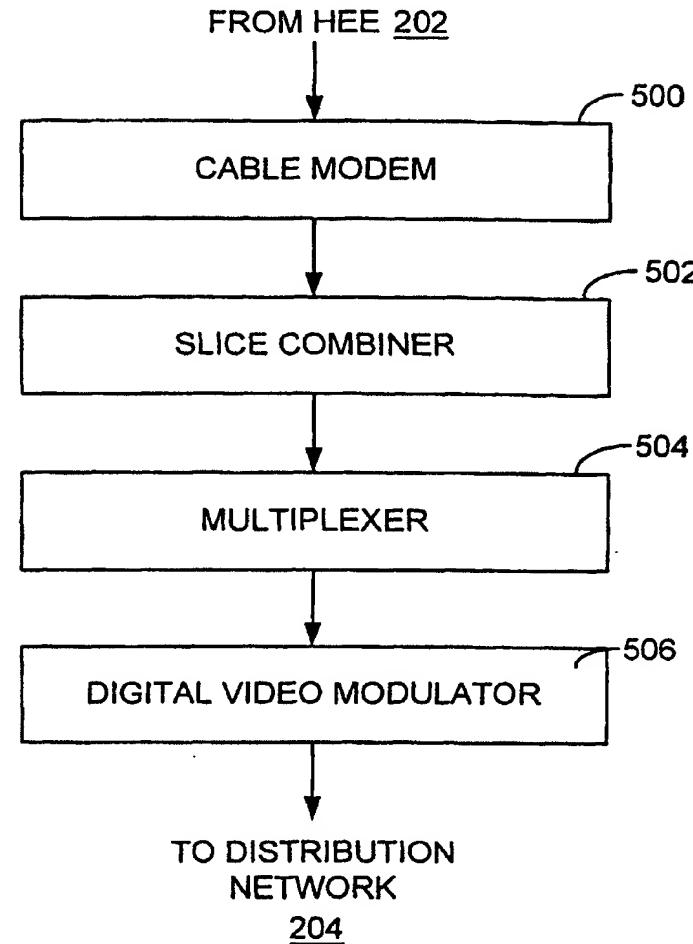


FIG. 5.



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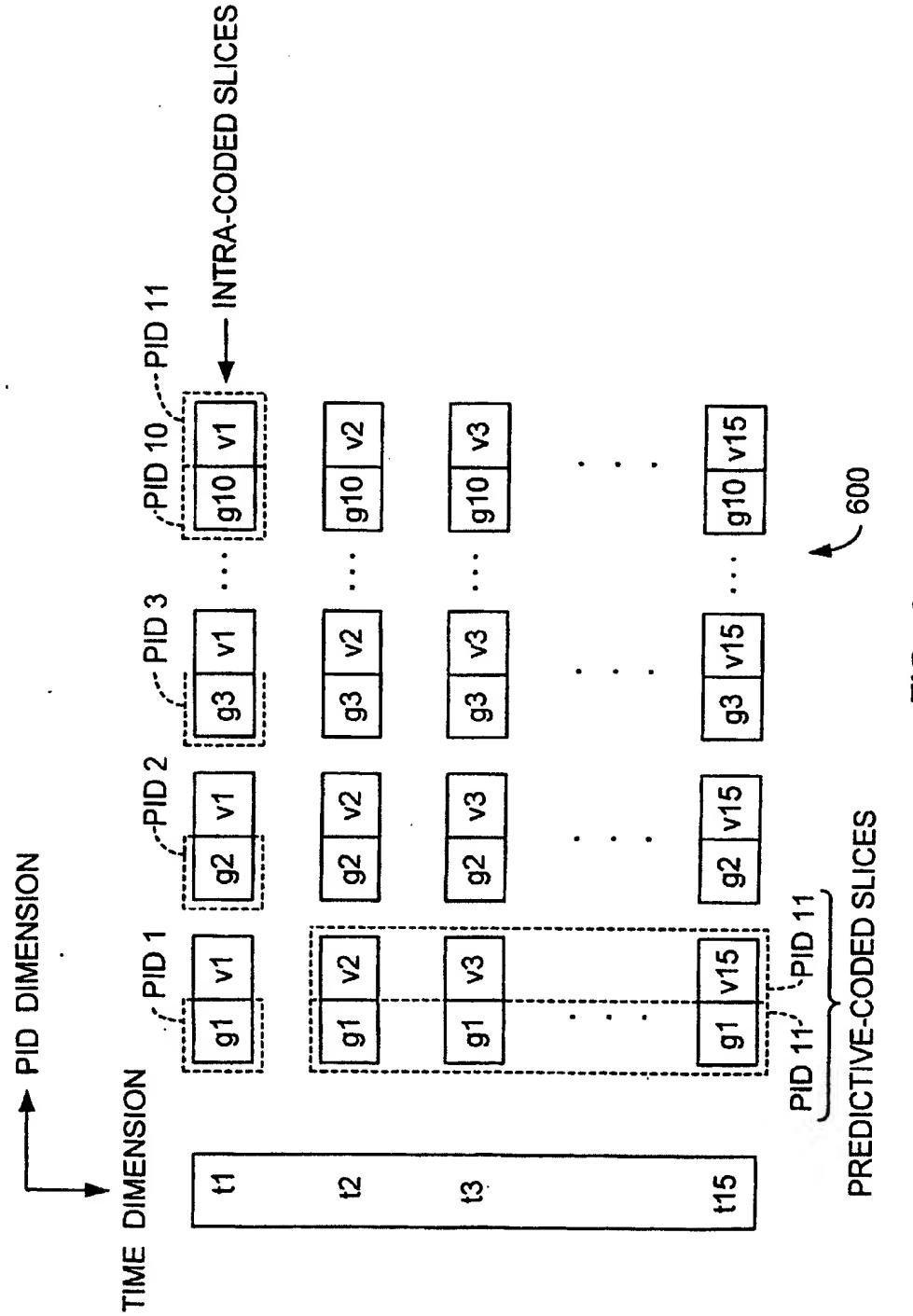
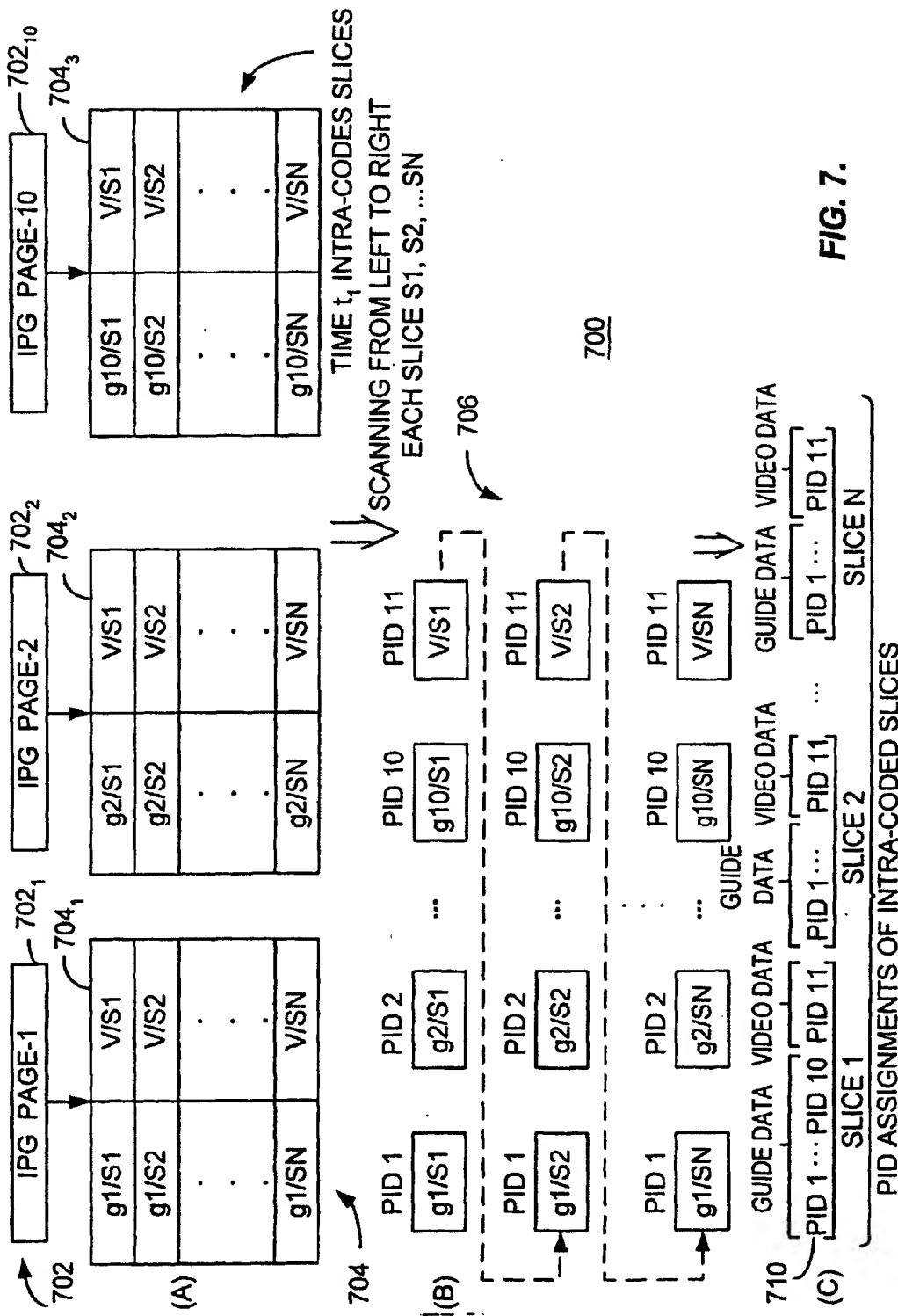


FIG. 6.



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 Attorney Docket No.: 19880-00720 (TVG/245CIP3)
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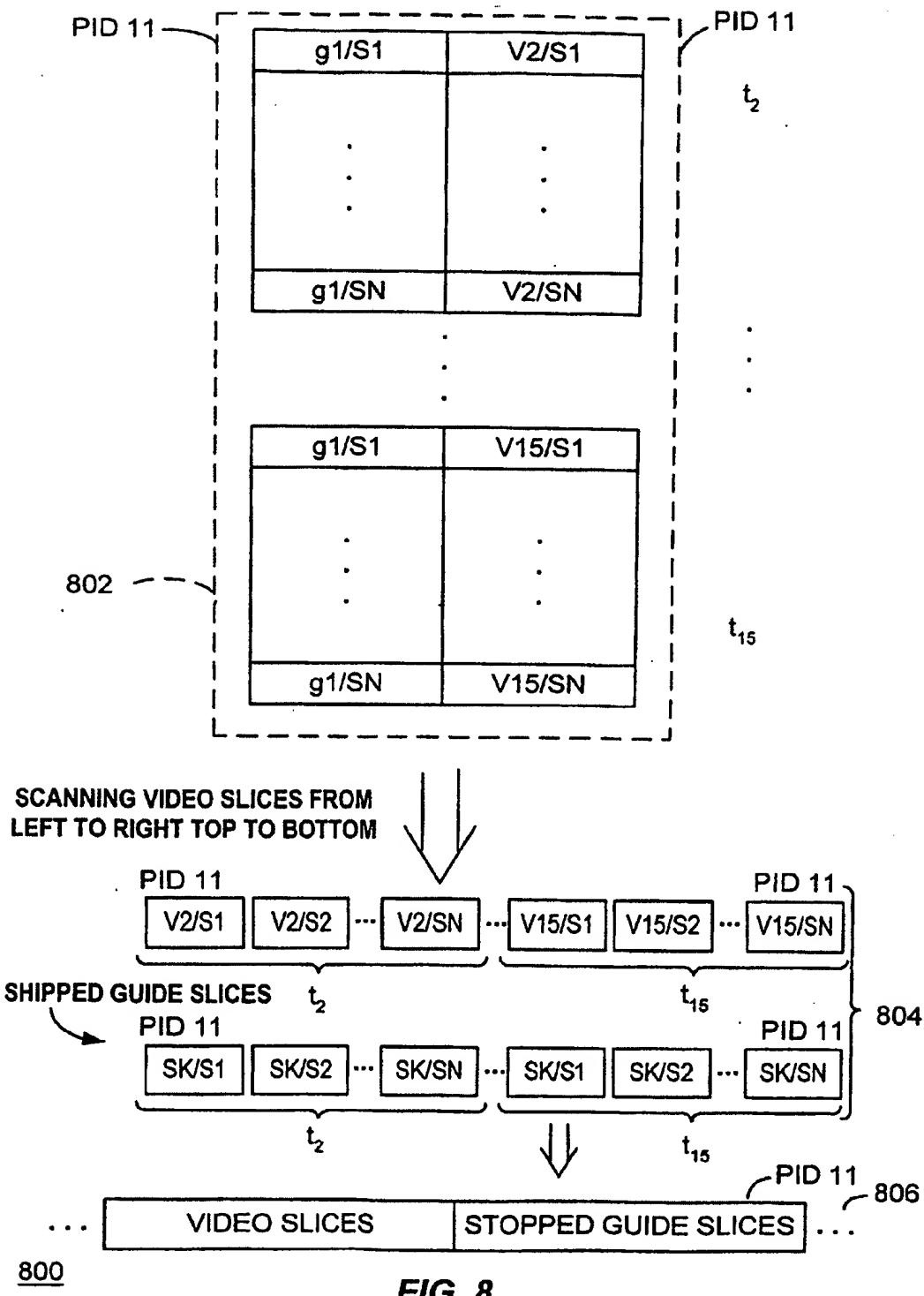


FIG. 8.

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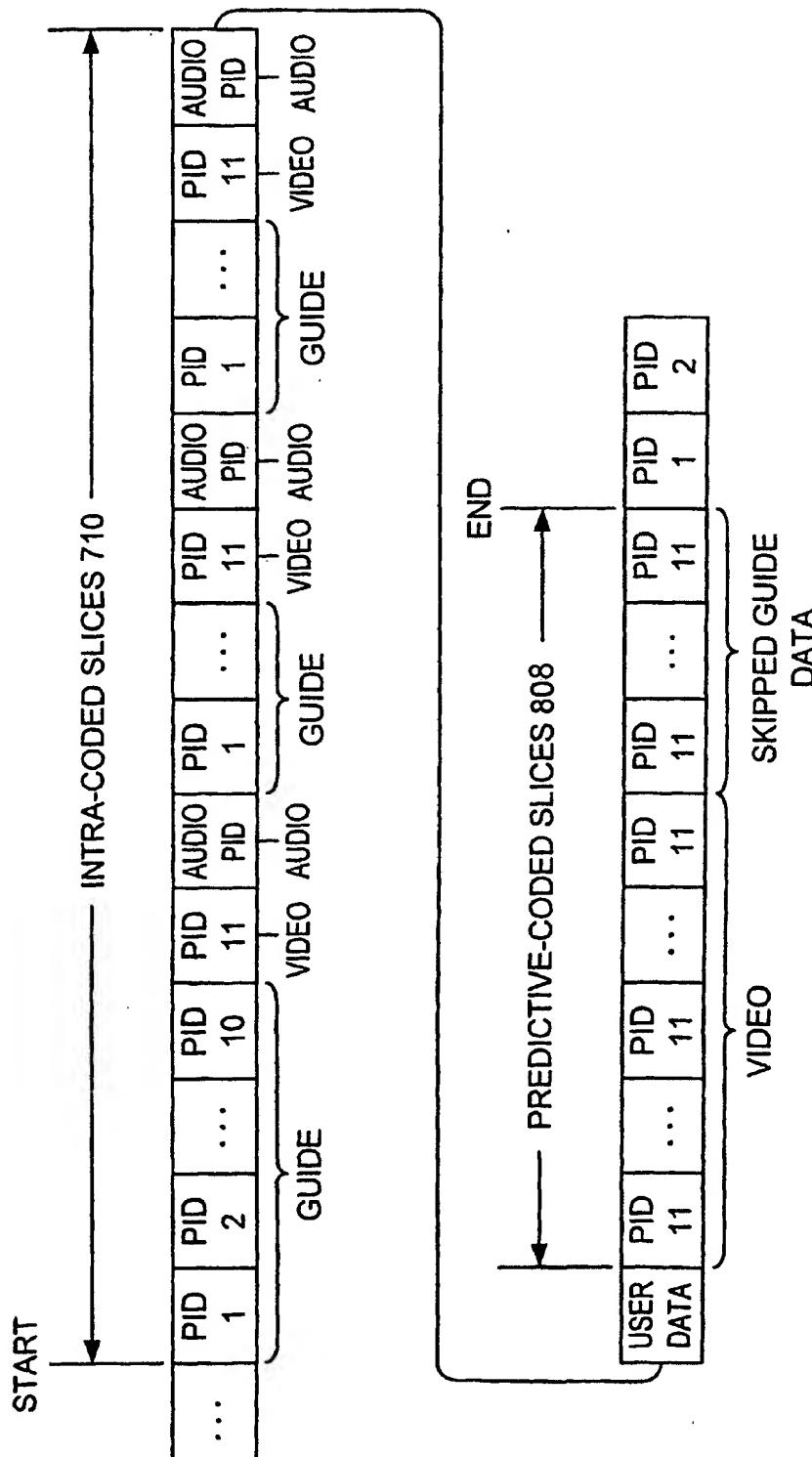


FIG. 9.



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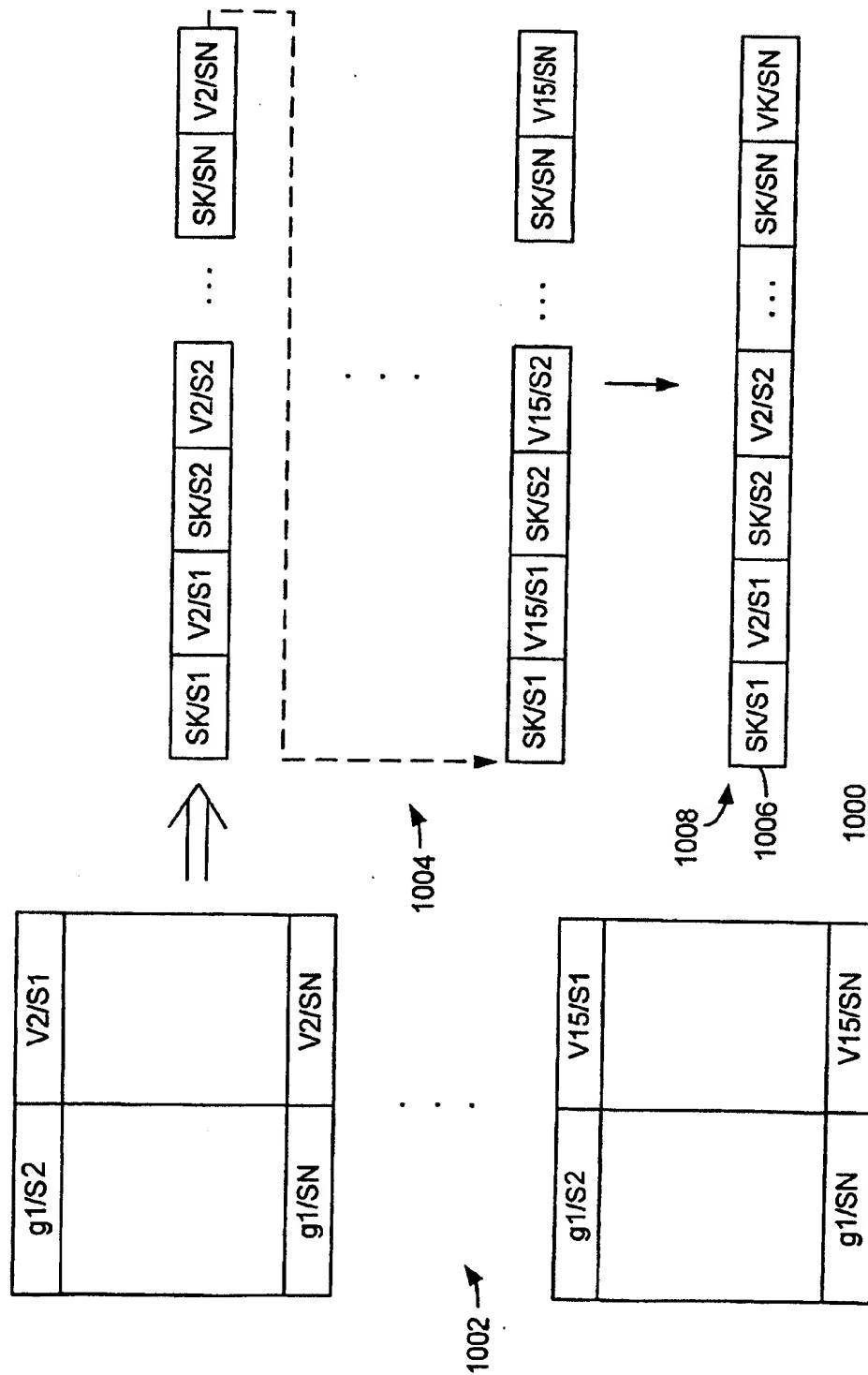


FIG. 10.



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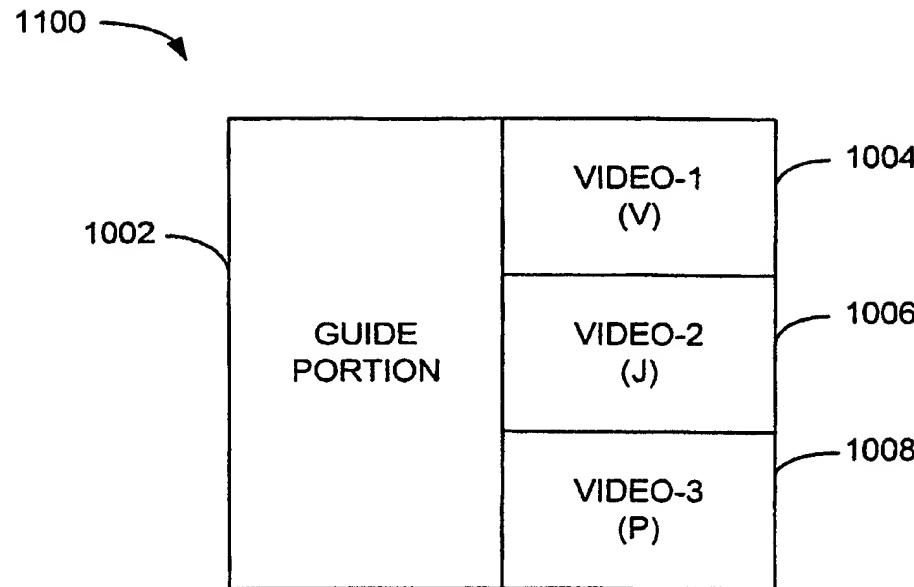


FIG. 11A.

The table consists of two columns of alternating rows. The left column is labeled "g/S1" and the right column is labeled "V/S1". Brackets on the left side group rows by category, and brackets on the right side group rows by category. The categories are labeled "GUIDE DATA SLICES", "1st VIDEO SLICES", "2nd VIDEO SLICES", and "3rd VIDEO SLICES".

g/S1	V/S1
	:
	V/SM
	J/SM+1
:	:
	J/SL
	P/SL+1
	:
g/SN	P/SN

FIG. 11B.

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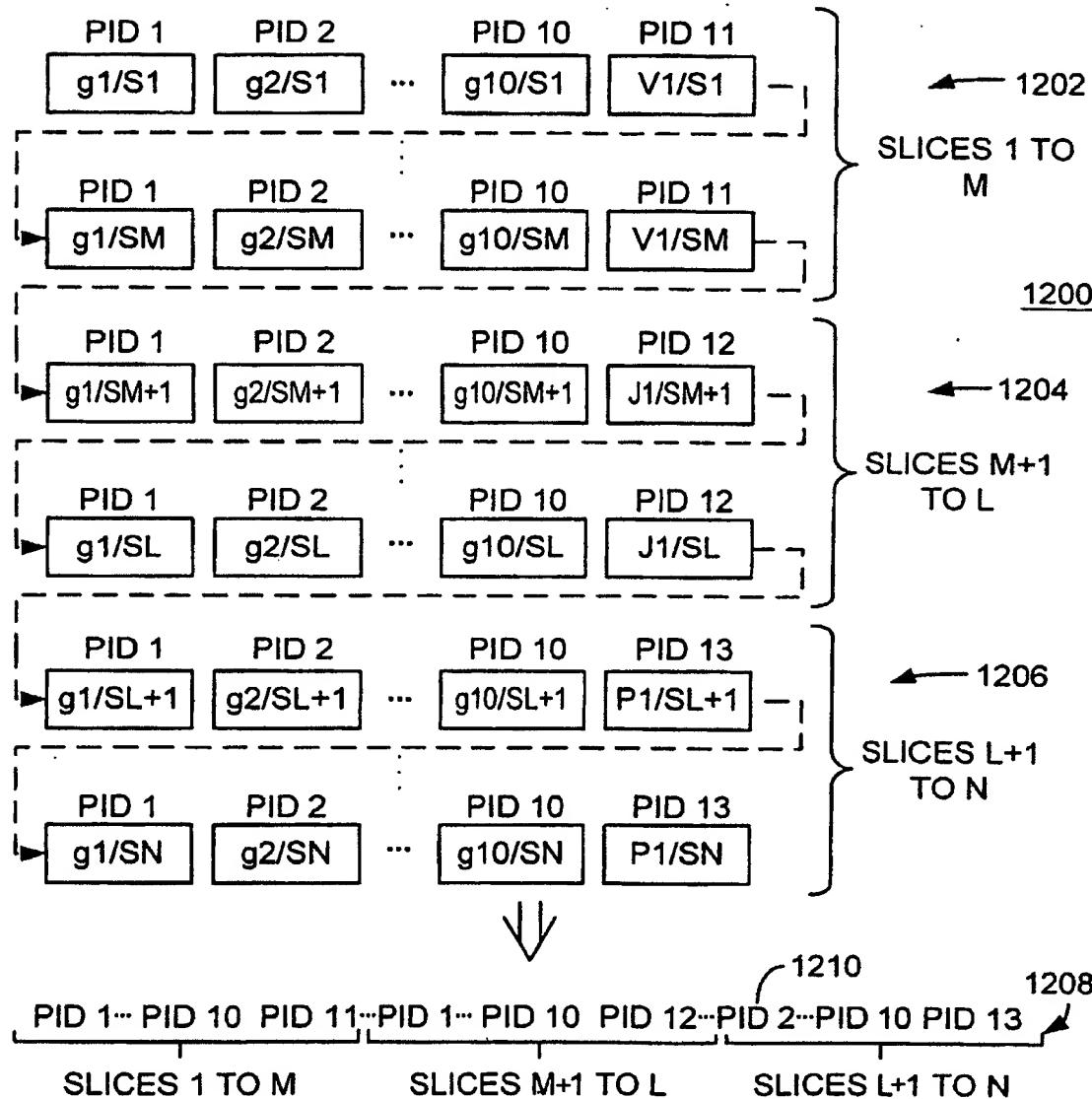
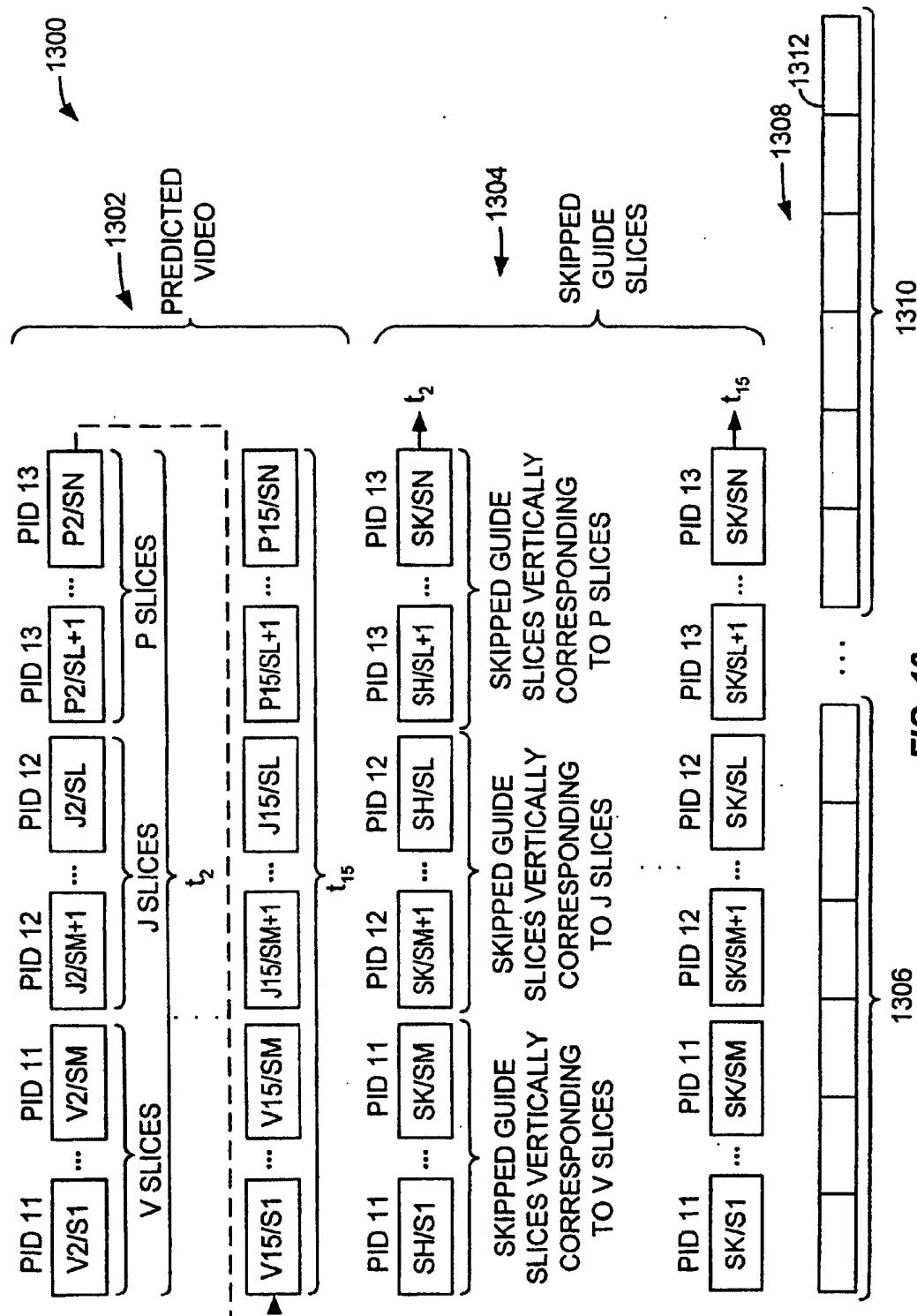


FIG. 12.

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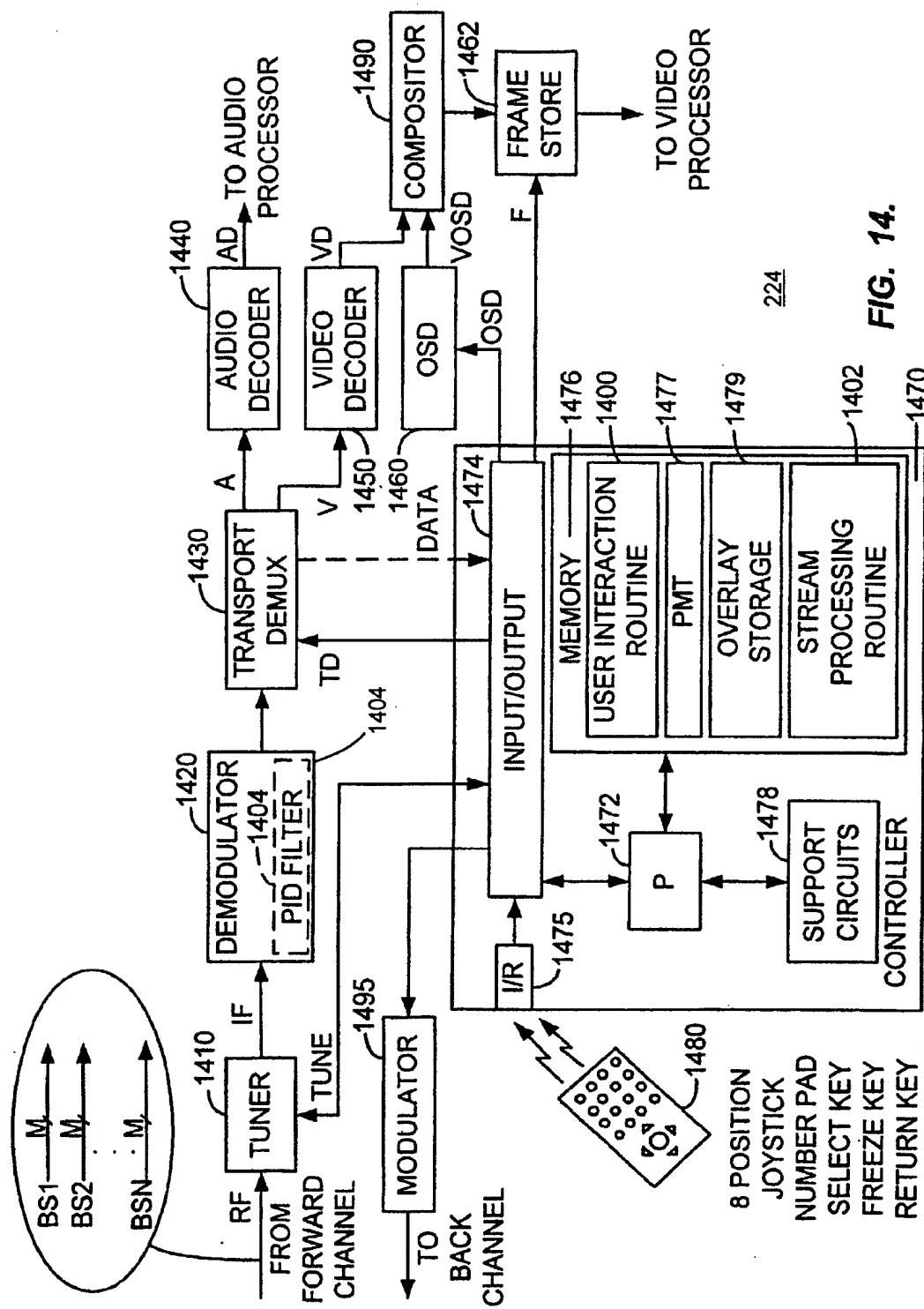


FIG. 14.

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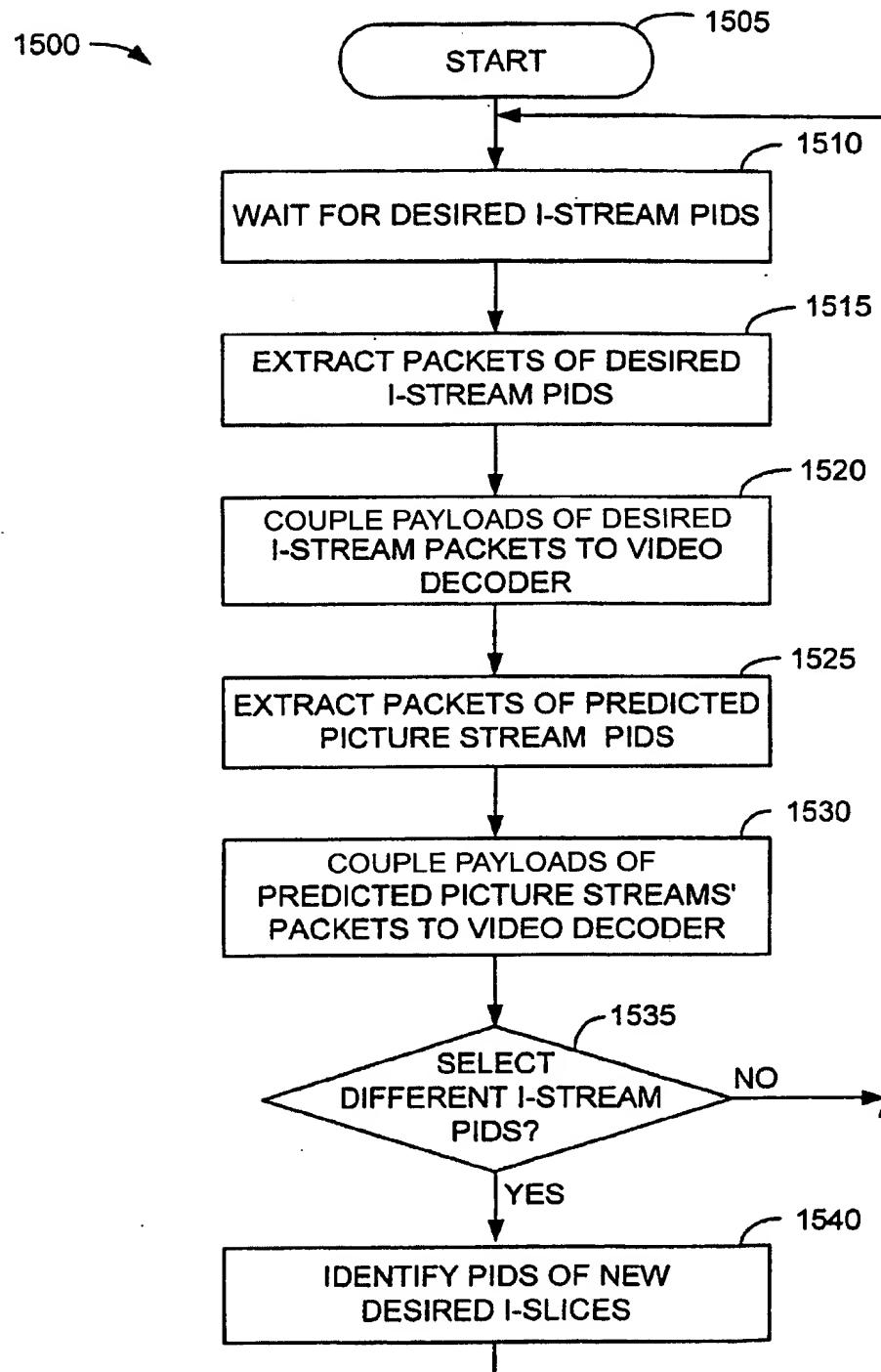


FIG. 15.



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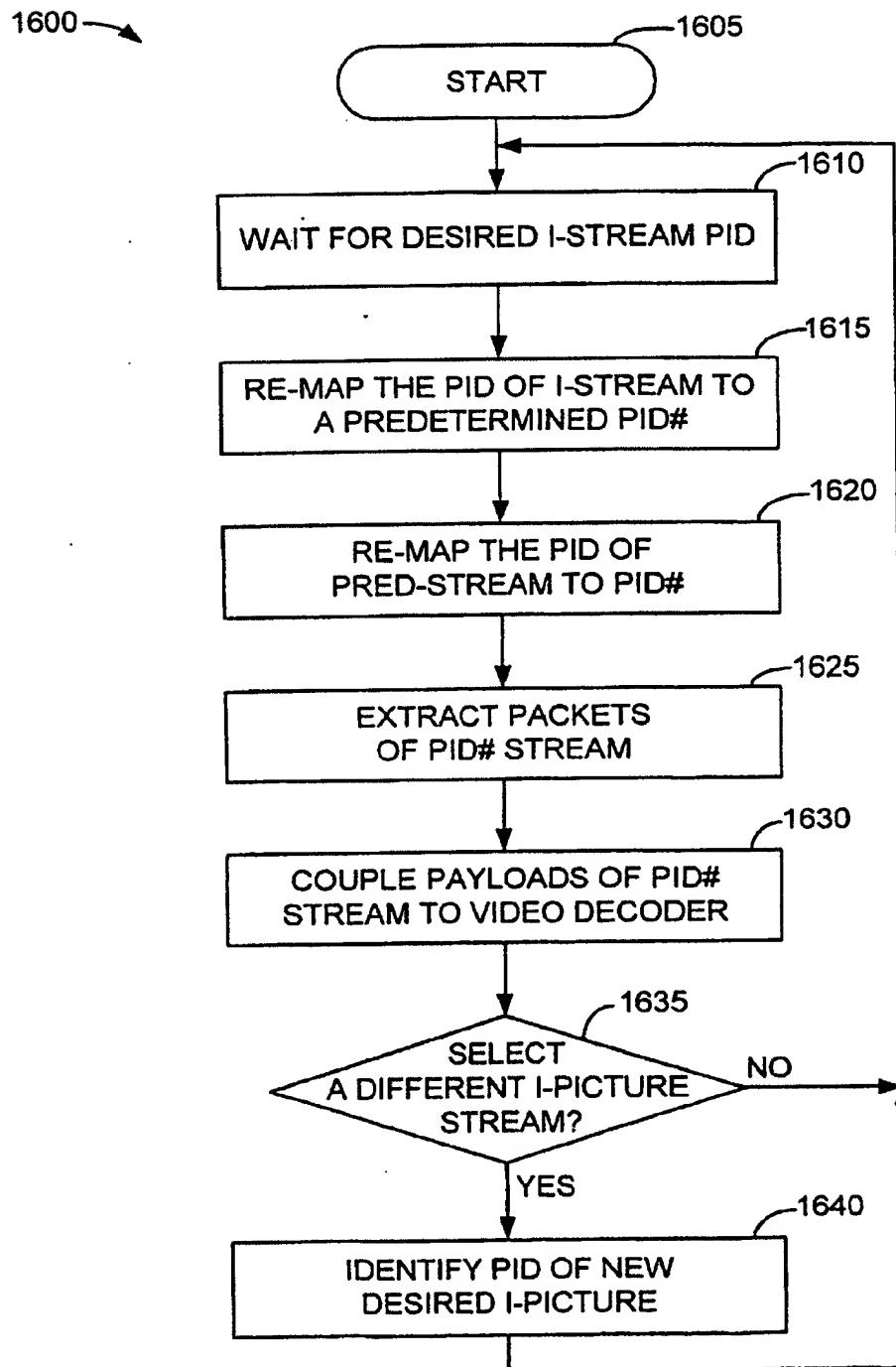


FIG. 16.

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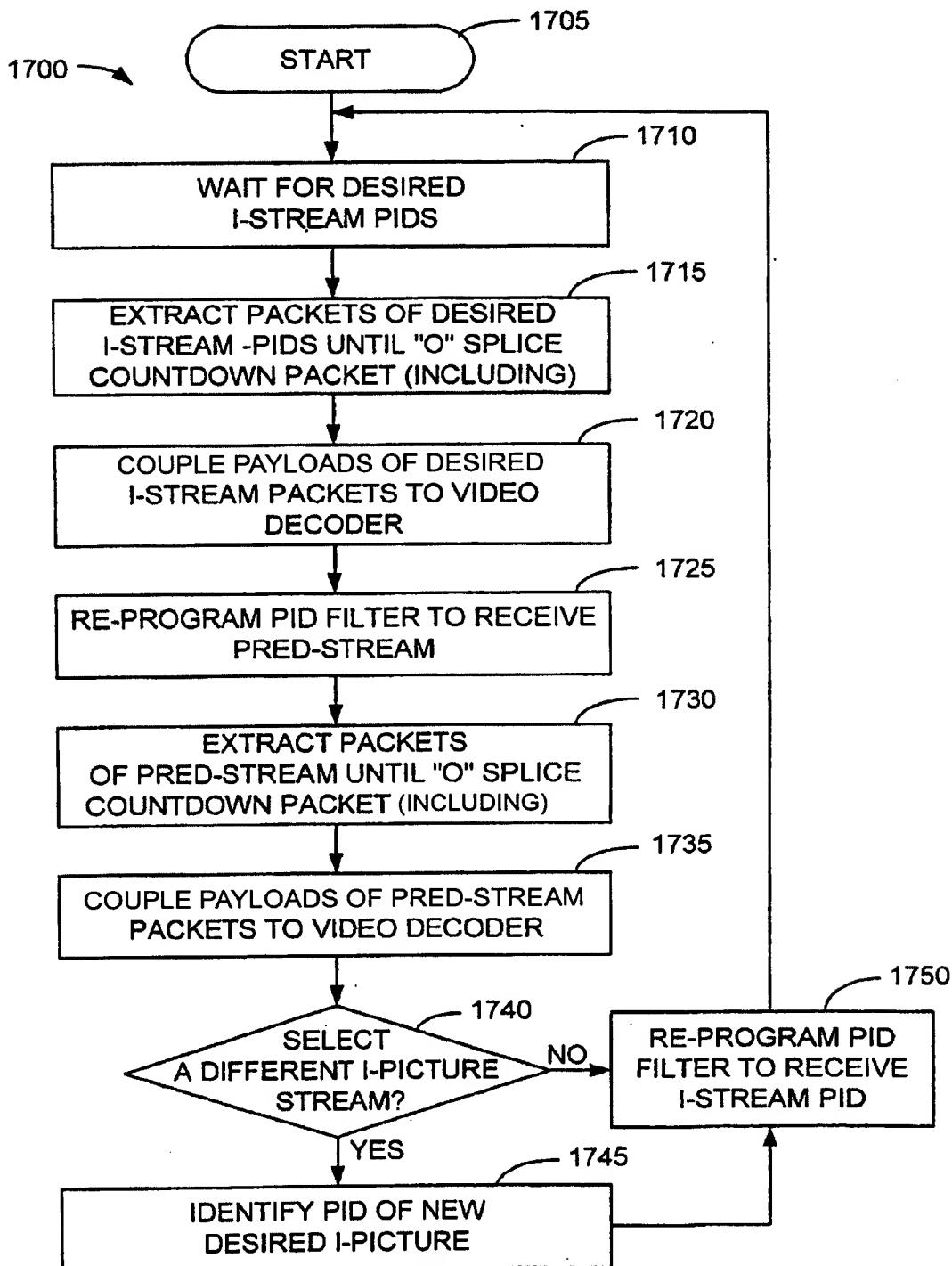


FIG. 17.

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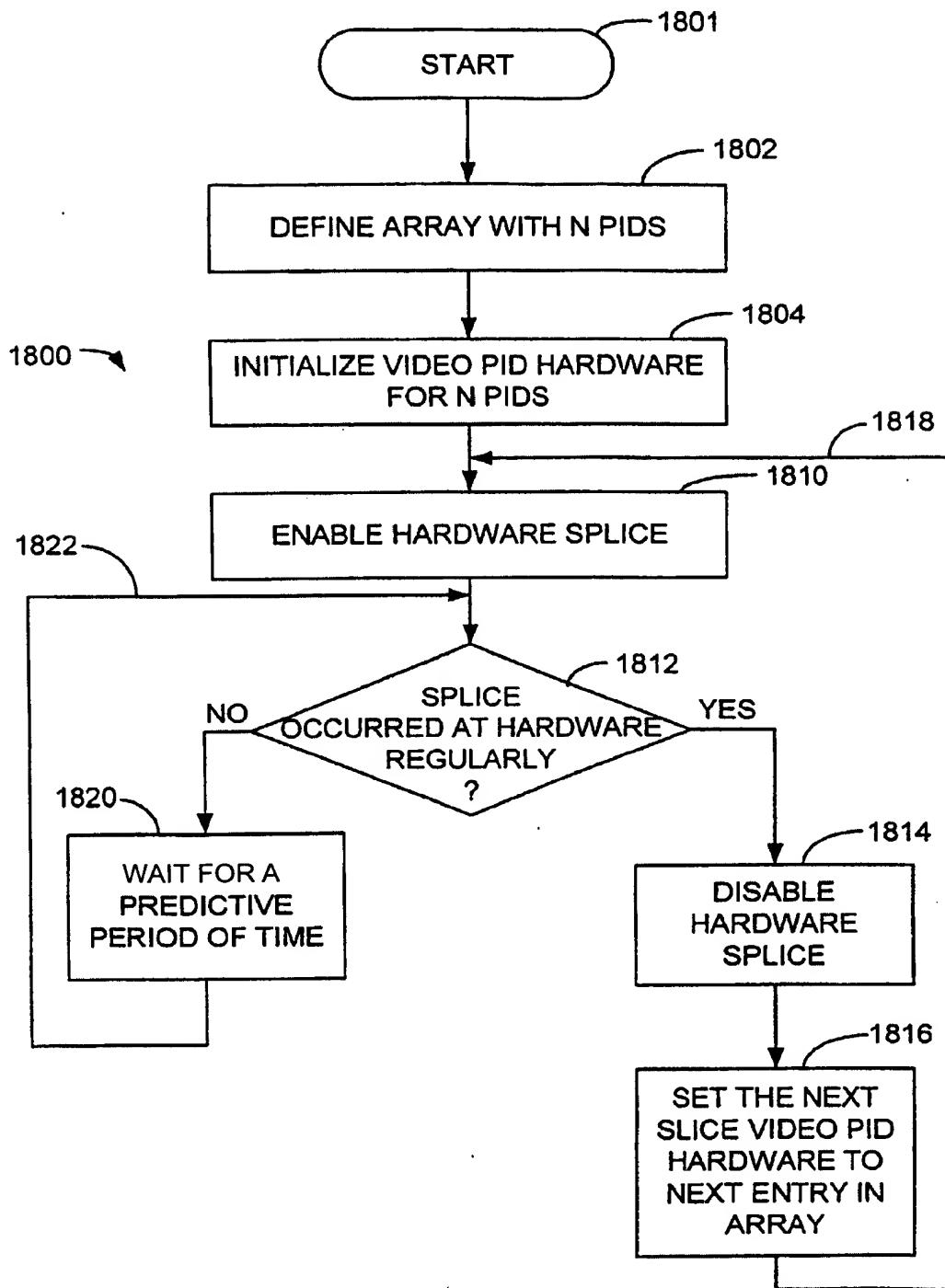


FIG. 18.

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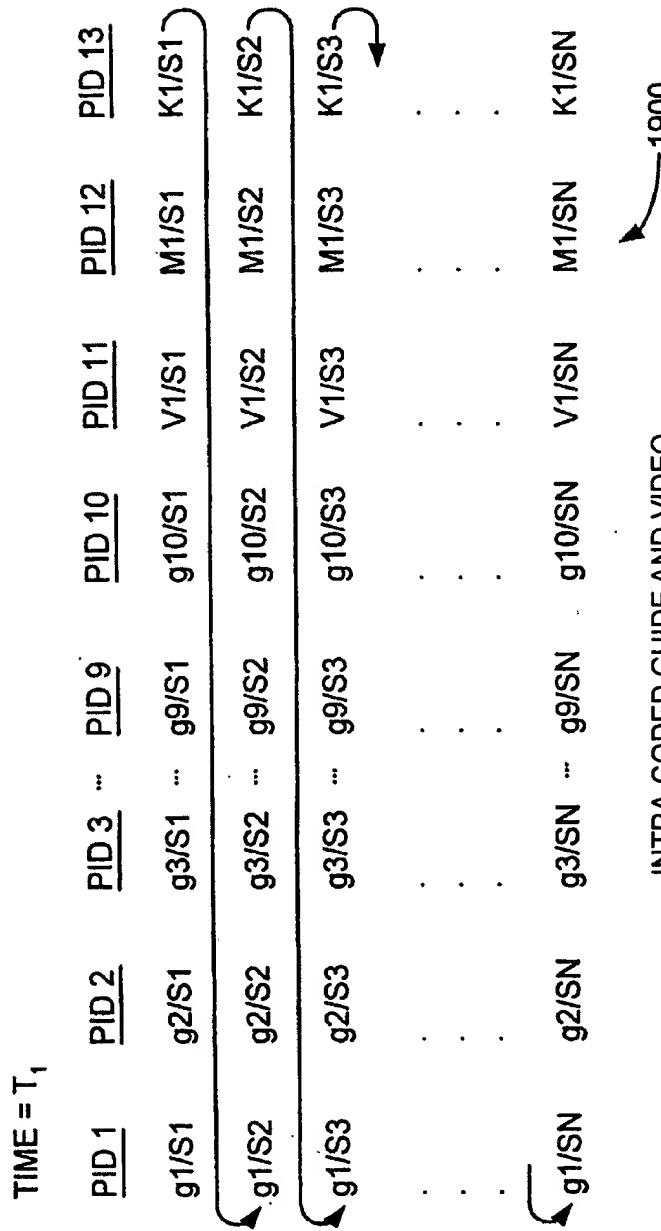


FIG. 19.



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<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
t_2	V2/S1	M2/S1	K2/S1	V2/S2	M2/S2	K2/S2	V2/SN	M2/SN	K2/SN
t_3	V3/S1	M3/S1	K3/S1	V3/S2	M3/S2	K3/S2	V3/SN	M3/SN	K3/SN
t_4	V4/S1	M4/S1	K4/S1	V4/S2	M4/S2	K4/S2	V4/SN	M4/SN	K4/SN
\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots
t_{15}	V15/S1	M15/S1	K15/S1	V15/S2	M15/S2	K15/S2	V15/SN	M15/SN	K15/SN

PREDICTED VIDEO

2000

2002

2003

2004

2015

FIG. 20.



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<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
t_2	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2	SK/SN	SK/SN	SK/SN
t_3	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2	SK/SN	SK/SN	SK/SN
t_4	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2	SK/SN	SK/SN	SK/SN

t_{15}	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2	SK/SN	SK/SN	SK/SN

SKIPPED GUIDE

2100

2103
2104

2103
2104

2103
2104

FIG. 21.

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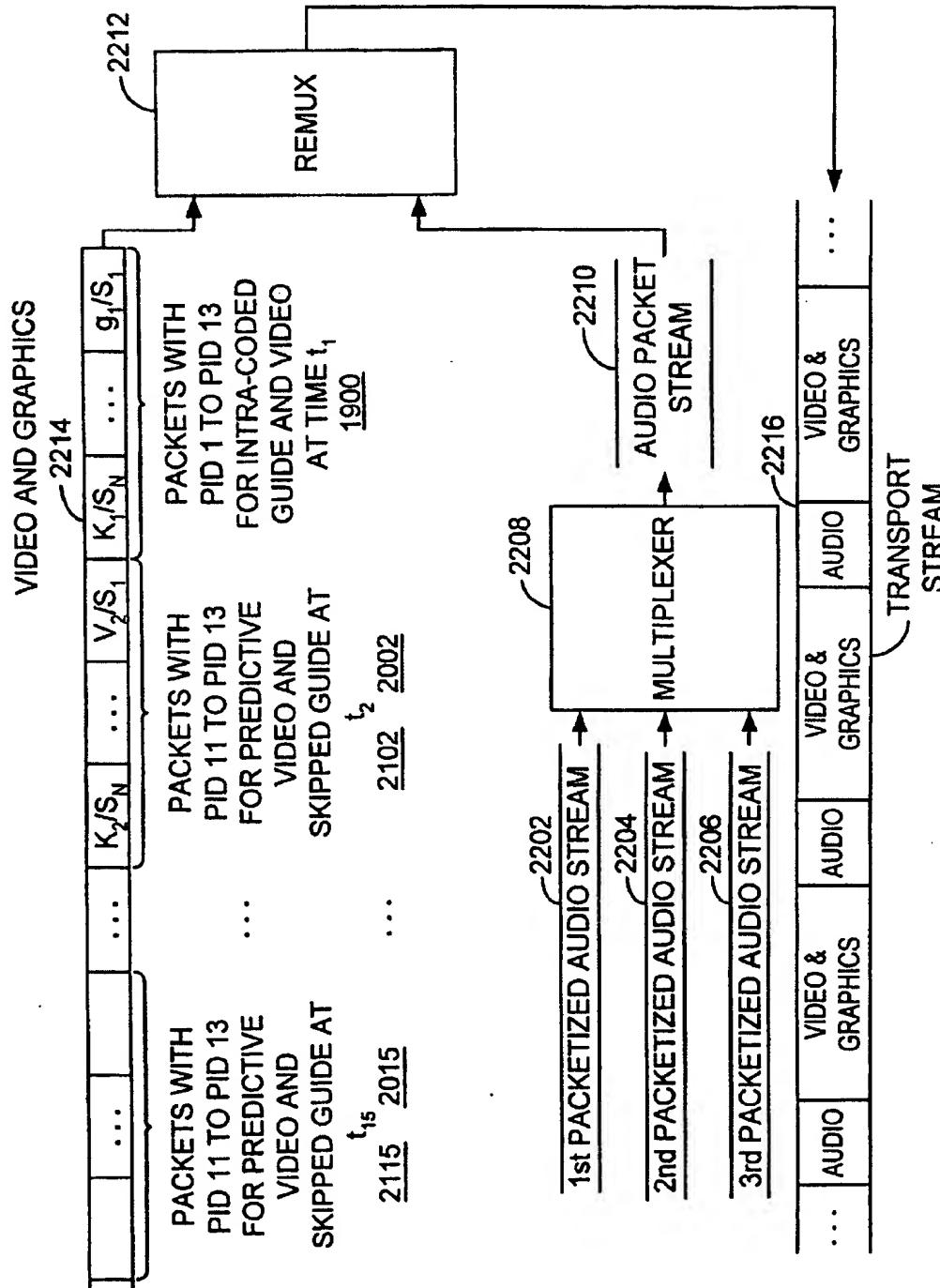


FIG. 22.

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O_1/S_1	O_2/S_1	O_3/S_1
\vdots	\vdots	\vdots
O_1/S_N	O_2/S_N	O_3/S_N
O_4/S_{N+1}	O_5/S_{N+1}	O_6/S_{N+1}
\vdots	\vdots	\vdots
O_4/S_{2N}	O_5/S_{2N}	O_6/S_{2N}
O_7/S_{2N+1}	O_8/S_{2N+1}	O_9/S_{2N+1}
\vdots	\vdots	\vdots
O_7/S_{3N}	O_8/S_{3N}	O_9/S_{3N}

0_1	0_2	0_3
0_4	0_5	0_6
0_7	0_8	0_9

OBJECTS
(A)

SLICE-BASED PARTITIONING
(B)

FIG. 23.



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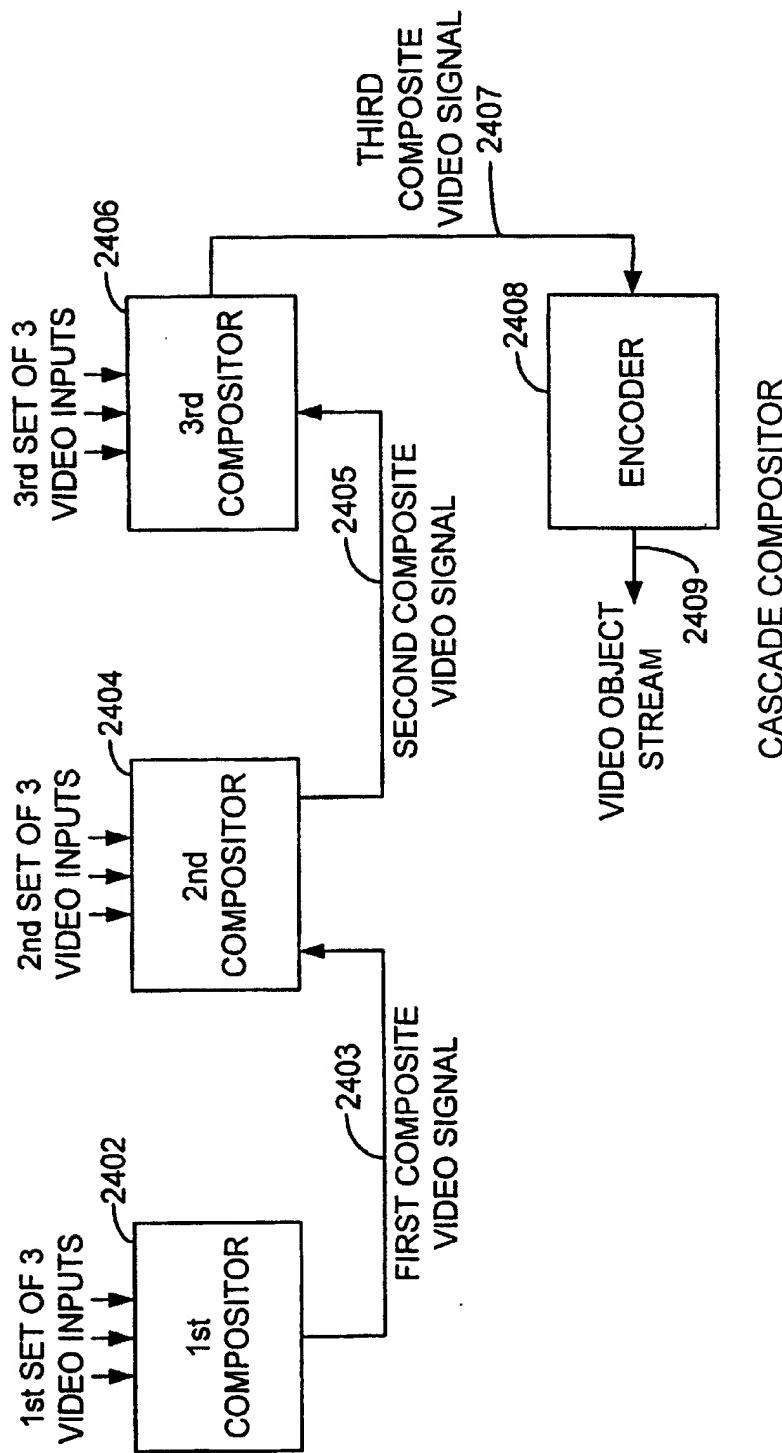


FIG. 24.



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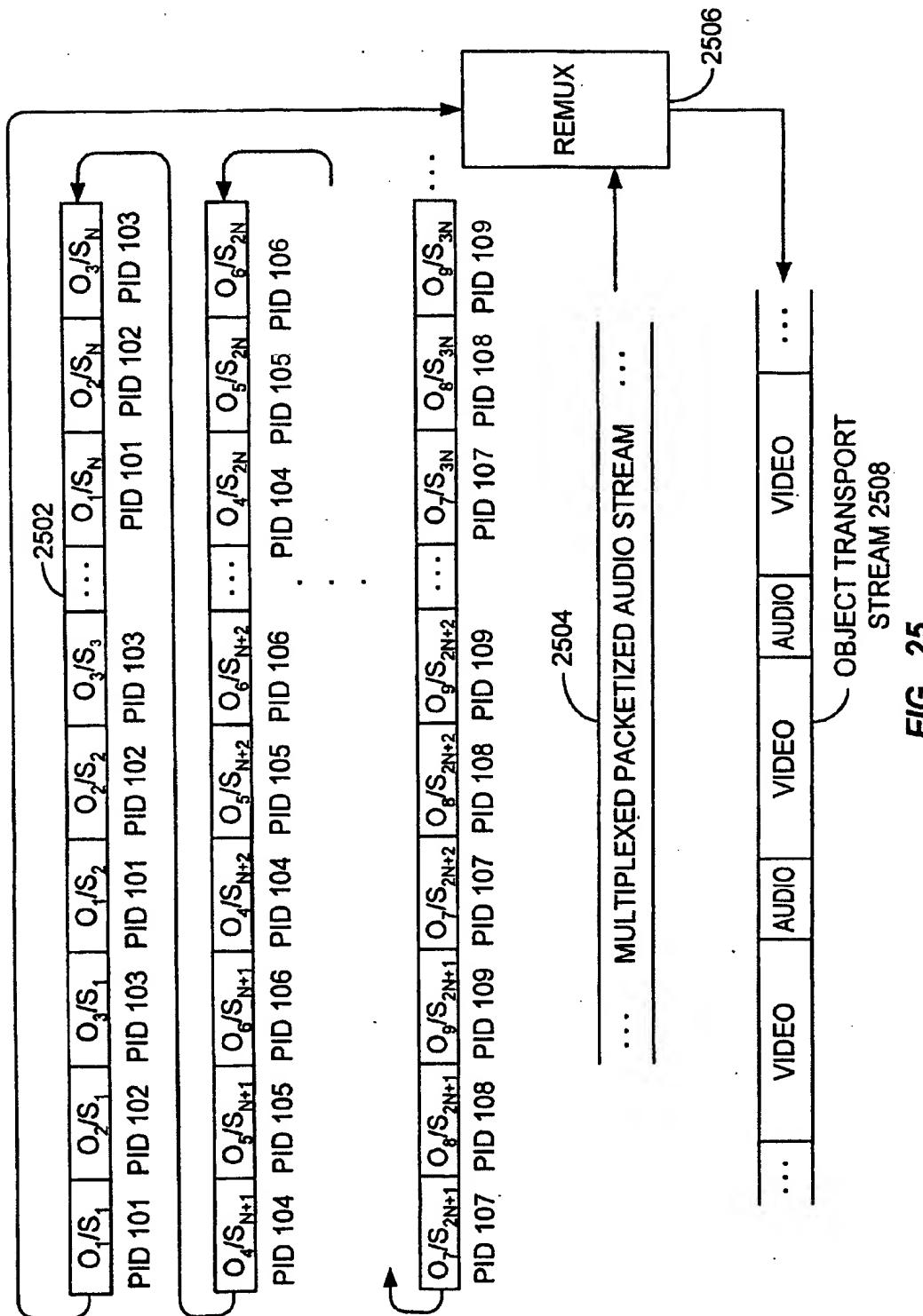


FIG. 25.



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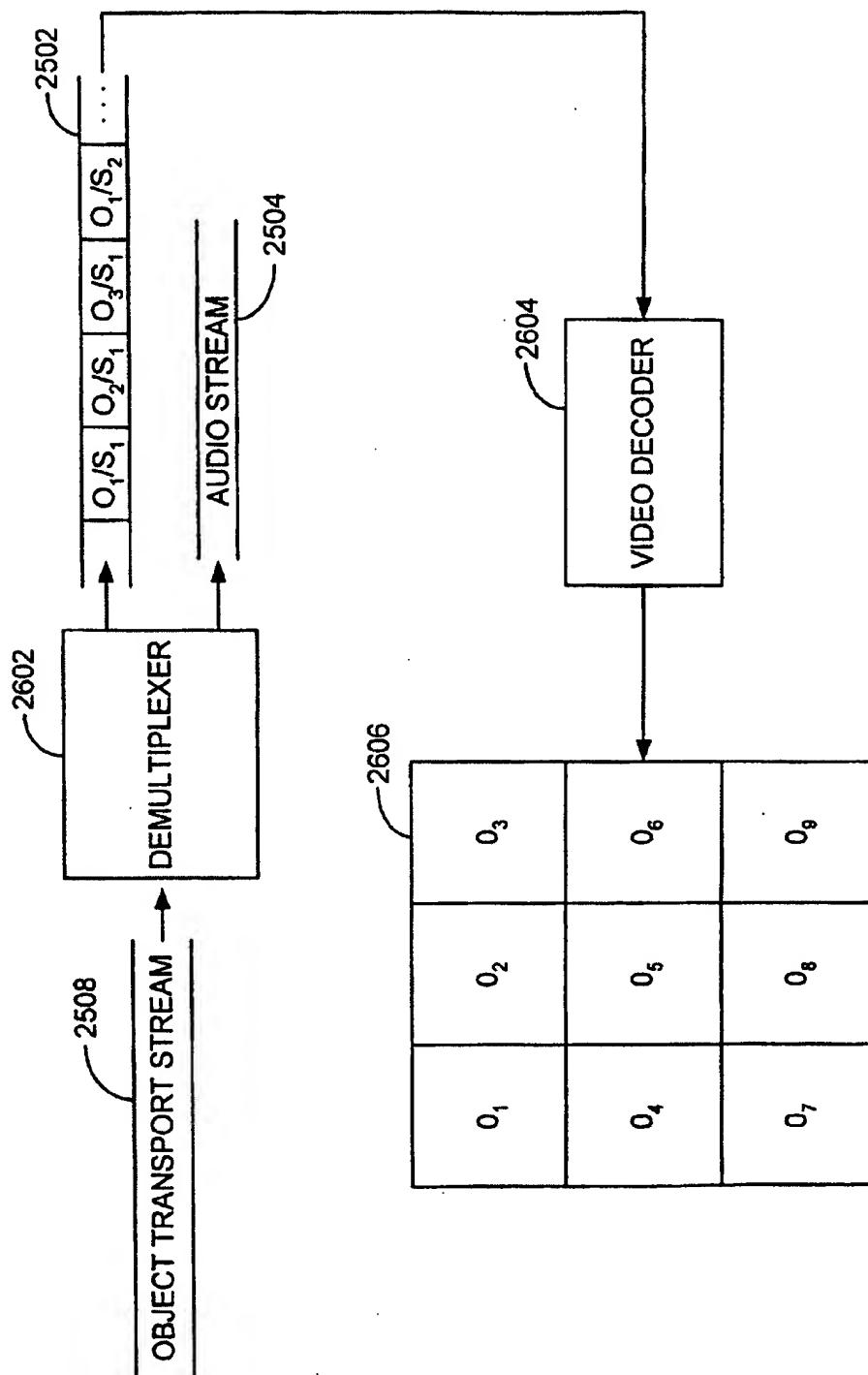


FIG. 26.

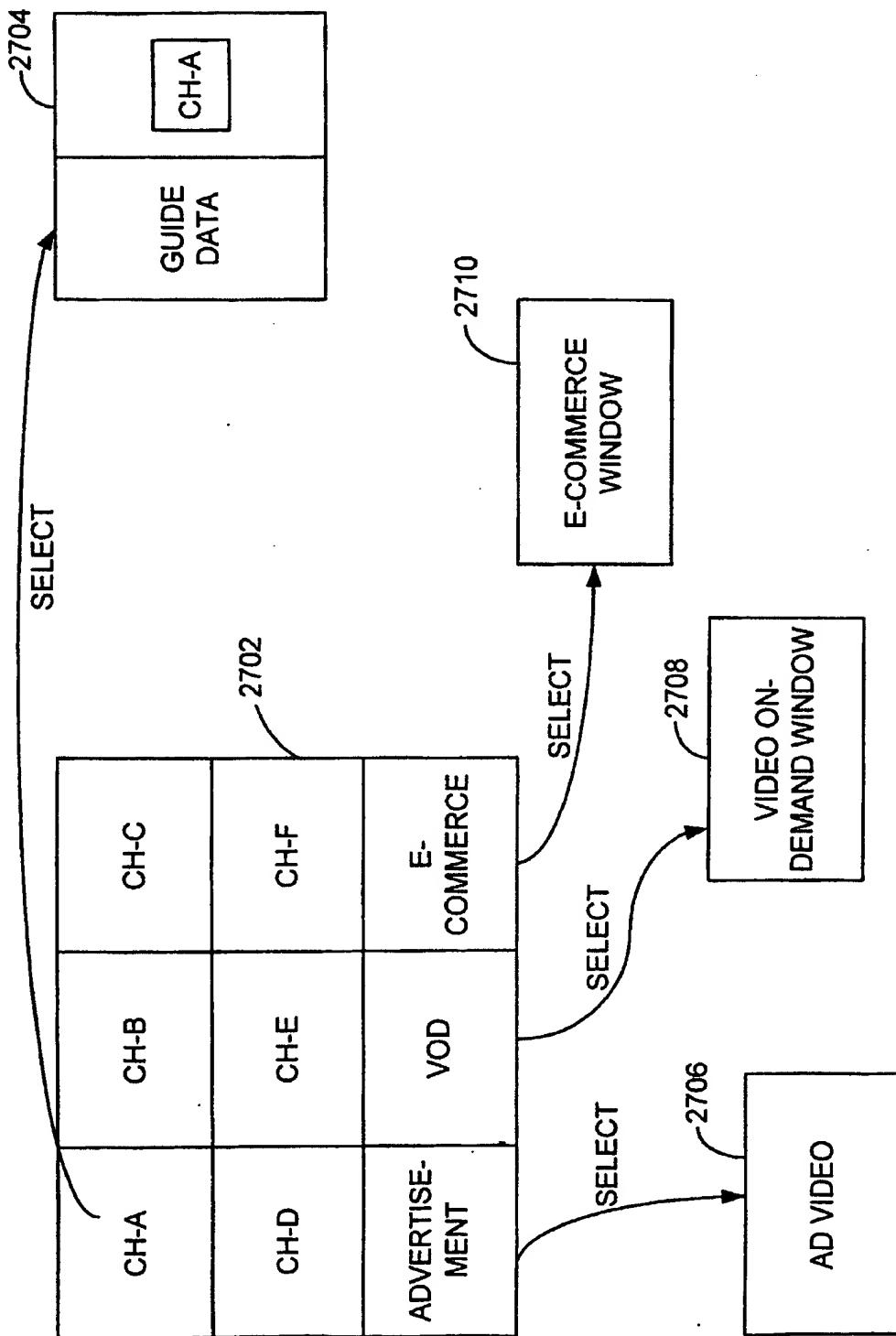


FIG. 27.



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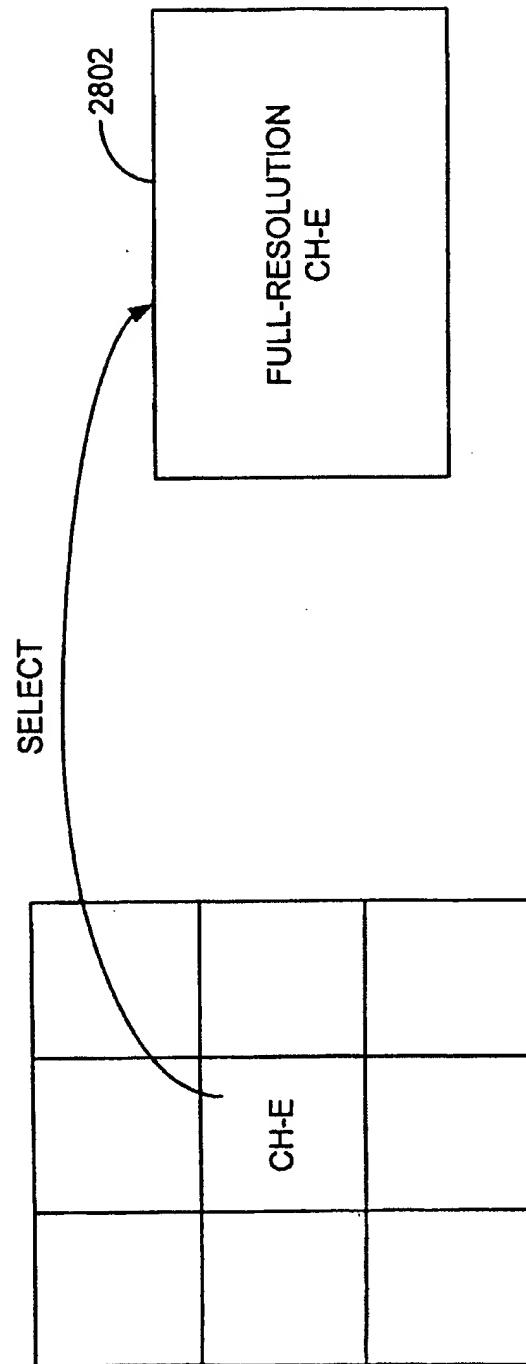


FIG. 28.



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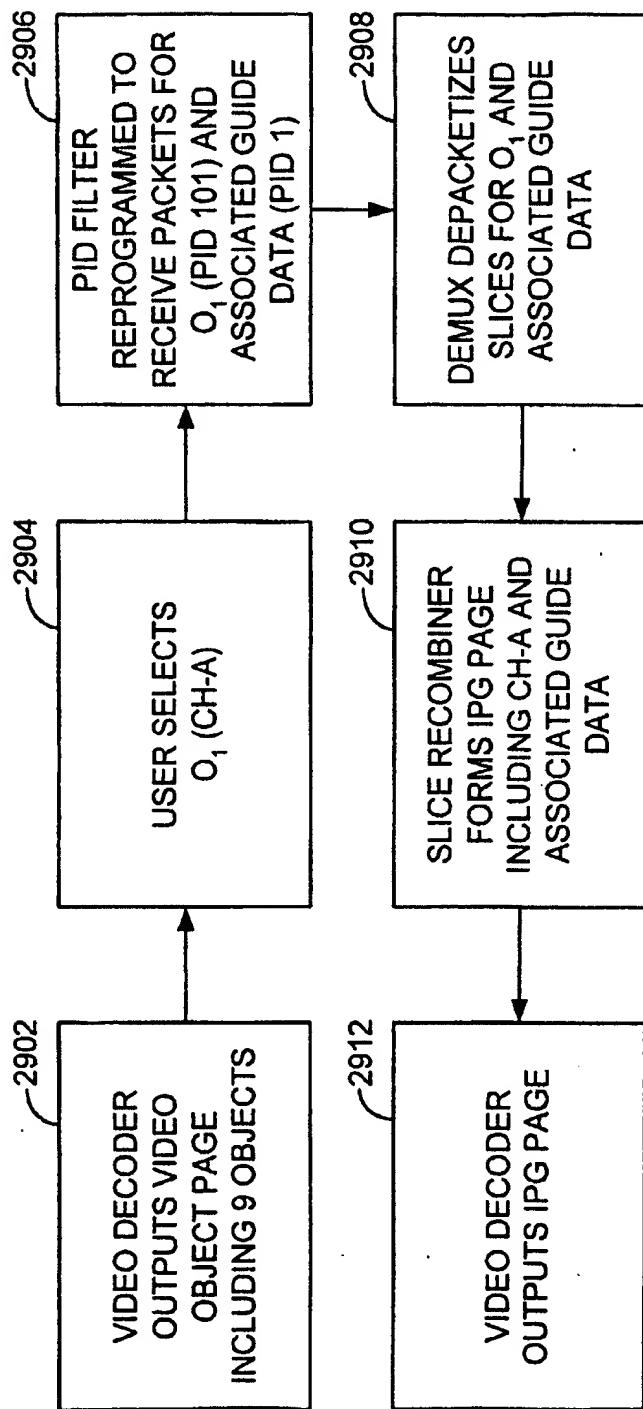


FIG. 29.



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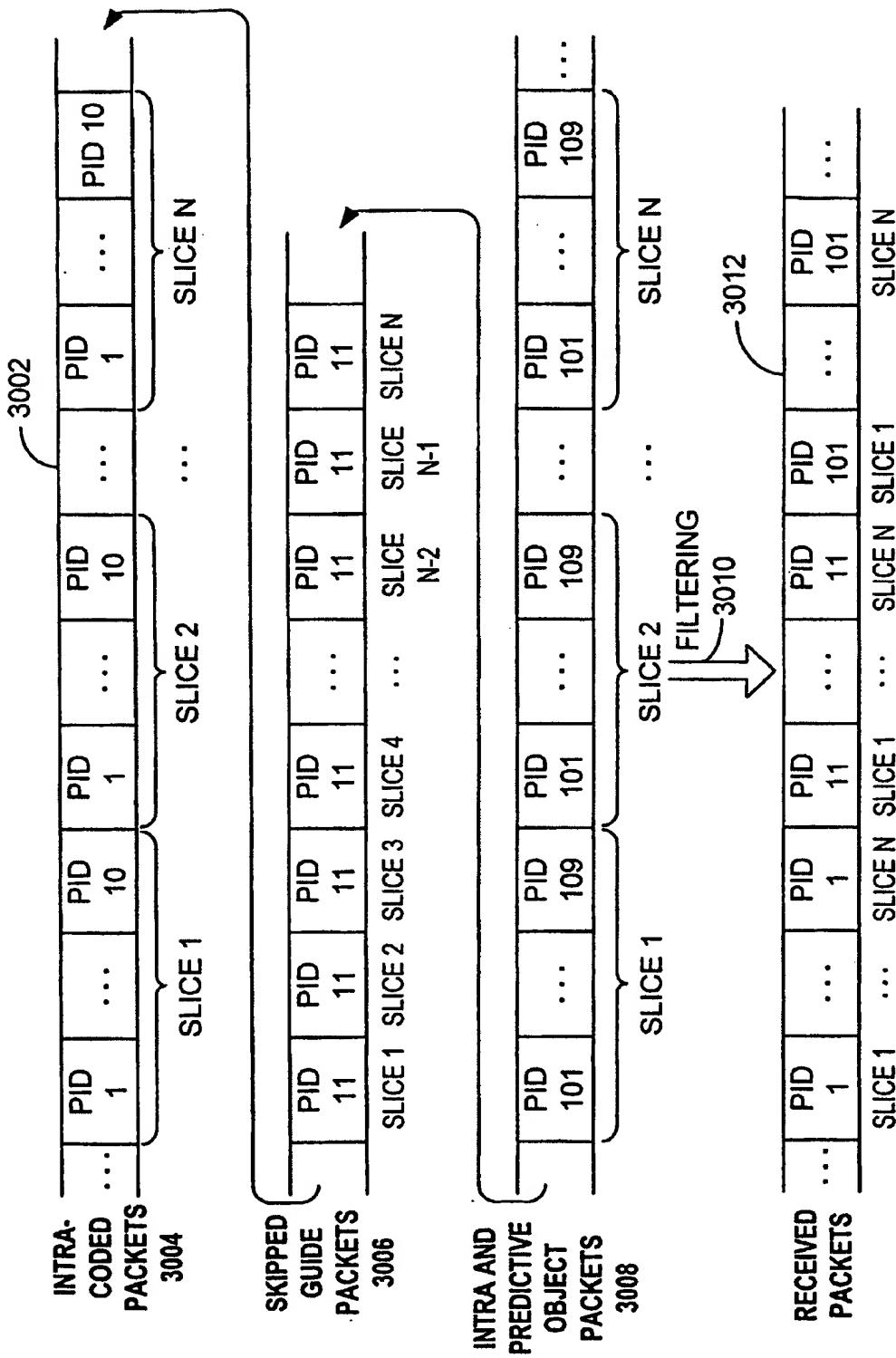


FIG. 30.



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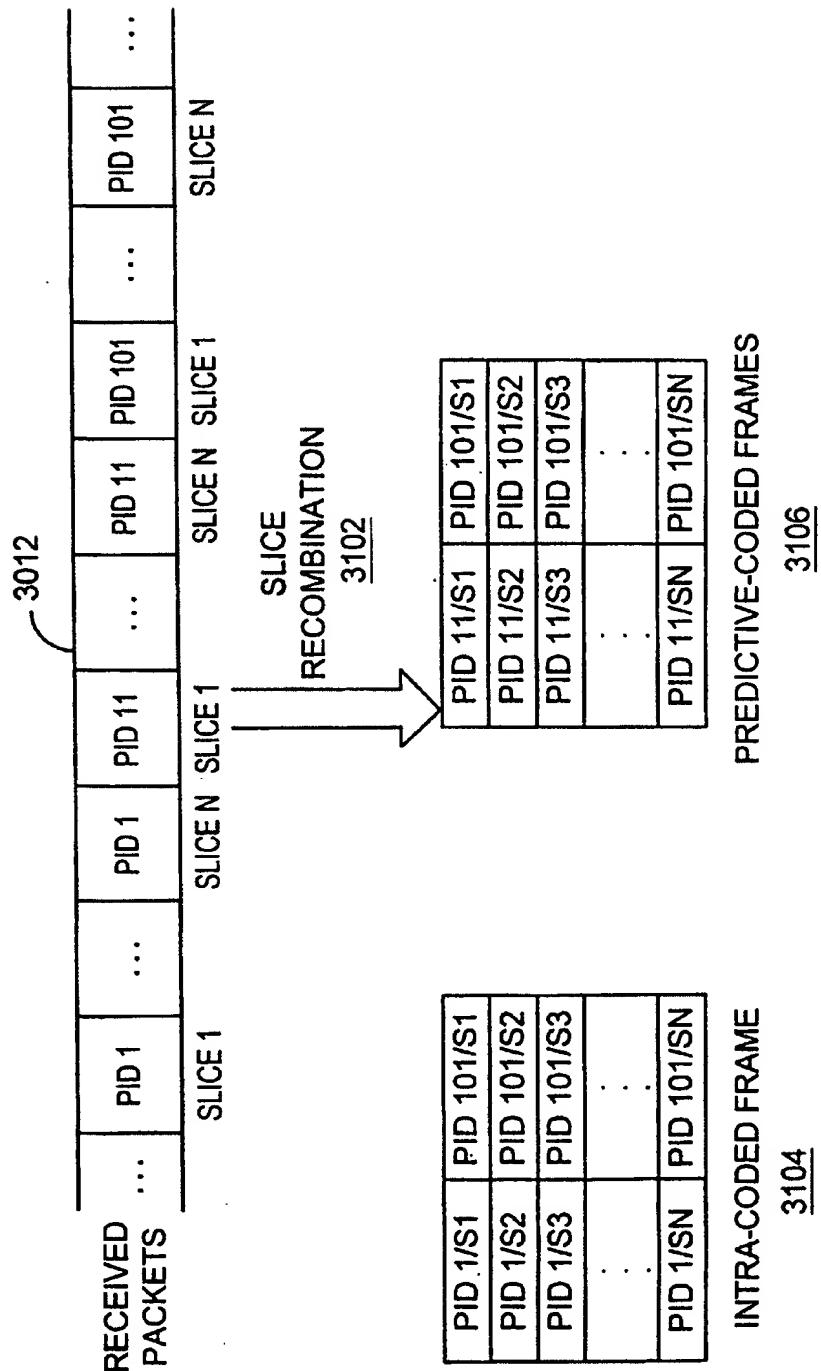


FIG. 31.

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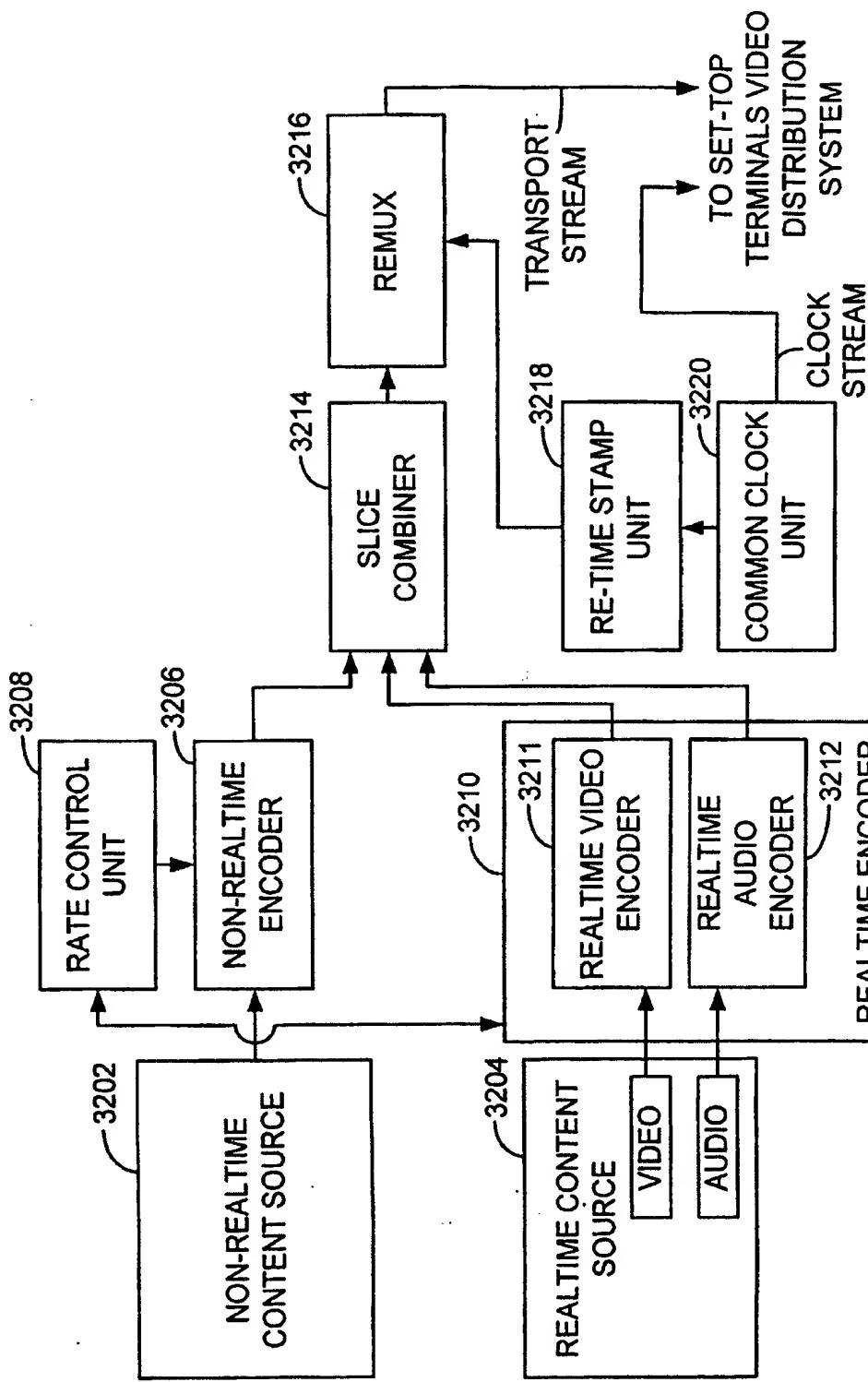


FIG. 32.
RE-TIMESTAMPING AND RATE CONTROL APPARATUS